Newland AIDC
SCANNING MADE SIMPLE

1D & 2D | CMOS | AI-Powered Barcode Decoding | OCR | Advanced Scripting | High motion tolerance

Dual Interface | IP52 | GS1 Ready | EasySet | Warranty 5 Years

FM60 Cubera AI

Stationary Scanners

Features

AI-Powered Scanning Technology.

The FM60 Cubera AI is equipped with Newland's UIMG and AI-Powered Barcode Detection scanning technologies. These advanced systems enable rapid, accurate, and reliable decoding of both 1D and 2D barcodes, even when they are damaged or distorted, as well as on reflective and curved surfaces.

AI-powered devices utilize computer vision and self learning to accurately interpret barcodes. They efficiently analyze images to detect, locate, and read barcodes. The FM60 Cubera AI excels in challenging conditions, demonstrating advanced decoding performance and providing a reliable scanning solution that functions flawlessly in any situation.

Powerful OCR Capability.

The FM60 Cubera AI is ideal for applications needing precise data capture from IDs and official documents. It is equipped with advanced OCR technology that scans and accurately extracts text.

Medium Scan Window.

The FM60 Cubera AI is equipped with a medium scan window, which enables quick barcode capture, even when products are held very close to the device or not perfectly aligned. A significant benefit of this medium scan window is its cost-effectiveness for system integrators, as these devices are easier to mount on different types of kiosks.

Advanced Multi-Core Processing Platform.

Equipped with a multi-core processing platform, the FM60 Cubera AI provides powerful computing capabilities, ensuring faster and more stable decoding performance.

High Motion Tolerance.

The FM60 Cubera AI can quickly capture codes at a speed of 2 meters per second. This is particularly significant for users as it greatly enhances efficiency and reduces checkout queuing.

Multiple Status Indicators.

The FM60 Cubera AI features six different status indicators that display the current working status of the scanner, including decoding, configuration, communication, and any abnormal conditions. This is especially important in fast-paced environments, such as static point-of-sale settings, as it allows users to quickly verify whether a barcode has been scanned correctly, helping to prevent unnecessary delays at checkout.

Suggested industries

Retail | Food & Beverage | Parking | Postal | Hospitality

FM60 Cubera AI Technical specifications

Data Capture	
1D	Code 128, EAN-8, EAN-13, UPC-E, UPC-A, Coupon, Interleaved 2/5, ITF-14, ITF-6, Matrix 2/5, Code 39, Codabar, Code 93, China Post 2/5, UCC/EAN-128, GS1 Databar, GS1 Composite, Code 11, ISBN, ISSN, Industrial 2/5, Standard 2/5, Plessey, MSI-Plessey, AIM 128, ISBT 128, Code 49, Code 16K
2D	PDF417, Micro PDF417, QR / Micro QR, DataMatrix, Aztec, Chinese Sensible Code, Maxicode, GridMatrix, Code One, DotCode
Postal	USPS Postnet, USPS Intelligent Mail, Royal Mail, USPS Planet, KIX, Australian Postal, Japanese Post
Image Sensor	1280 * 800 CMOS
Illumination	5000K White LED
Resolution	≥4mil (1D)
Depth of Field EAN 13 (13mil)	0mm - 180mm
Depth of Field QR (15mil)	0mm - 130mm
Field of View Horizontal	65.6˚
Field of View Vertical	44.6˚
Scan Angle Roll	360˚
Scan Angle Pitch	±55°
Scan Angle Skew	±50°
Minimal Print Contrast	25%
Motion Tolerance	> 2m/s
Physical	
Current @ 5VDC Operating	195.8mA (typical), 407mA (max.)
Current @ 5VDC Standby	120mA
Dimensions (mm)	114(W) × 46(H) × 94(D) mm
Input Voltage	5-12 VDC±5%
Interfaces	RS-232, USB
Notifications	Beep, LED
Weight	145g
Environmental	
Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Humidity	5% to 95% (non-condensing)
IP Rating	IP52
Accessories	
Standard	1.2 meters USB cable
Certifications	
Hardware	FCC Part 15 Class B, CE EMC Class B

Newland AIDC EMEA

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Specifications are subject to change without notice

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